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T070243

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| 1. Location of Reading Room: Idaho Operations Public Reading Room 1776 Science Center Dr. University Place Idaho Falls, ID 83403 | | 2. Expected Release Date: May 15, 1995 |
| 3. Document Type: | | |
| <input checked="" type="checkbox"/> Letter <input type="checkbox"/> Memorandum <input type="checkbox"/> Report <input type="checkbox"/> Publication <input type="checkbox"/> Other (Specify) | | |
| a. If letter or memo: To: Dr. J. Z. Holland, Chief Fallout Studies Branch Div of Biology and Medicine, HQ From: John R. Horan, Director, Health and Safety Division, ID Subject: SUGGESTED SUMMARY FOR TID-12616 (REV. 1) PAGE 85A, CERT | | |
| b. If report: Title: | | |
| 4. Document Date: 7-28-64 | c. If publication: Name: Volume: Issue: | |
| 5. Summary (2-3 lines indicating the major subject(s) of the document): Suggests inclusion of IDO's CERT program, results, photos, etc into next revision of TID-12616, provides information to be included and cites CERT publications. | | |
| 6. Name and telephone number of person completing form: Burton R. Baldwin (208) 525-0203 | 7. Organization: Lockheed Idaho Technologies Co. | 8. Date: March 22, 1995 |

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Public Reading Room
U. S. Department of Energy
Idaho Operations Office

HUMAN RADIATION EXPERIMENTS

RECORDS PROVENANCE FORM

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| REPOSITORY NAME | INEL |
| COLLECTION NAME | CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS (CERT) |
| BOX NUMBER | INEL BOX NO. 22305 FRC AGENCY BOX NO. 30 FRC NO. 150673 ACCESSION NO. 430 78 0073 |
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HEI FORM DOCUMENT NO.: T070043

DOCUMENT NO.: T070243

DOCUMENT TITLE: SUGGESTED SUMMARY FOR TID-12616 (REV. 1) PAGE 85A, CERT

CROSS REFERENCES:

ITEMS OF INTEREST:

Dr. J. Z. Holland, Chief
Fallout Studies Branch
Division of Biology and Medicine, HQ
John R. Horan, Director
Health and Safety Division, ID

REVISION OF TID-12616

SYMBOL: HSHP:CAH

Reference: Your letter of May 8, 1964.

We suggest the following summary be included in the forthcoming TID-12616 revision.

Insert for TID-12616 (Rev.1) Page 85a.

Category: Radioactivity in Soil, Food, and Man.

Organization: Idaho Operations Office, Health & Safety Division,
USAEC, Idaho Falls, Idaho.

Initiated: 1963

Title: Controlled Environmental Radioiodine Tests (CERT)

Investigator: C. A. Hawley, Jr.

Scope: This project is evaluating the relationship between concentrations of radioiodine in air and that deposited on vegetation, and between amounts on vegetation and concentrations in milk. These are being studied through controlled releases of radioiodine in various chemical and physical forms at ground level and from towers under known meteorological conditions. The releases are controlled so that deposition occurs on experimental areas. Air concentrations and deposition velocities are being determined as are concentrations on vegetation. Studies include particle size, chemical form of I, plant adsorption vs absorption, resuspension factors, and portable radiation detection instrument readings vs actual pasture contamination levels.

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FOLDER (JULY - AUG 1964)

Dr. J. E. Holland

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Publications: CONTROLLED ENVIRONMENTAL RADIOIODINE TESTS,
C. A. Hawley, Jr., C. W. Sill, G. L. Voelz,
Health and Safety Division, ID-AEC and
N. F. Islitzer, U. S. Weather Bureau,
IDO-12035, TID-4500 (30th Ed.), June, 1964.

I have attached photographs of our Experimental Dairy Farm.
You may wish to include one or more of these in the forthcoming
revision.

Enclosure:
Photographs

HSHP
CAHawley:dc
WPGammill
7-28-64

HSOS
RVBatie
7- -64

HS
JRHoran
7- -64

Hqs Reading File